

GEN 2. TABLES AND CODES

GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS

2.1.1. Units of measurement

The table of units of measurement shown below will be used by aeronautical stations within KATHMANDU FIR for air and ground operations.

For measurement of	Units used
Distance used in navigation, position reporting, etc. – generally in excess of 2 nautical miles	Nautical miles and tenths (NM)
Relatively short distances such as those relating to aerodromes (e.g. runway lengths)	Meters (m)
Altitudes, elevations and heights	Feet (ft)
Speed	Knots (kt)
Wind direction for landing and taking off	Degrees magnetic (^o)
Wind direction except for landing and taking off	Degrees true (^o)
Visibility	Kilometers (km)
Altimeter setting	Hectopascal (hPa)
Temperature	Degree Celsius (^o C)
Weight	Metric tones or kilograms
Time	Hours and minutes, beginning at midnight UTC
Endurance	H and min
RVR	Meter (m)
Tank (A/C)	Liter (L)
Humidity (absolute)	Gram/Kilogram (g/kg)

2.1.2 Temporal reference system

General

Co-ordinated Universal Time (UTC) and the Gregorian calendar are used by air navigation services and in publications issued by the Aeronautical Information Service. Reporting of time is expressed to the nearest minute, e.g. 12:40:35 is reported as 1241. Local time is 5 hours and 45 minutes ahead of UTC. Time checks to aircraft are accurate to within 30 seconds.

2.1.3. Horizontal reference system

1. *Name / designation of system*

All published geographical coordinates indicating latitude and longitude are expressed in terms of the World Geodetic System—1984 (WGS-84) geodetic reference datum.

2. *Projection*

Projection is expressed in term as Universal Transverse Mercator (UTM).

3. *Ellipsoid*

Ellipsoid is expressed in terms of the World Geodetic System—(WGS-84) ellipsoid.

4. *Datum*

The World Geodetic System—(WGS-84) is used.

5. *Area of application*

The area of application for the published geographical coordinates coincides with the area of responsibility of the Aeronautical Information Service, i.e. the entire territory of Nepal.

6. *Use of an asterisk to identify published geographical coordinates*

An asterisk (*) will be used to identify those published geographical coordinates which have been transformed into WGS-84 co-ordinates, but whose accuracy of original field work does not meet the accuracy requirements in Annex 11, Chapter 2 and Annex 14, volumes I and II, chapter 2.

2.1.4. Vertical reference system

1. *Name/designation of system*

The vertical reference system corresponds to mean sea level (MSL).

2. *Geoid model*

The geoid model used is the Earth Gravitational model 1996 - (EGM - 96)

2.1.5. Aircraft nationality and registration Marks

The nationality mark for aircraft registered in Nepal is the figure 9, followed by the letter N i.e. 9N. The national mark is followed by a hyphen and a registration mark consisting of 3 letters, e.g. 9N - ABA.

2.1.6 Public holidays 2025/2026

S.N	Name of the Holiday	Date	Remark
1.	New Year Nepalese	14 April 2025	
2.	May Day	1 May	
3.	Buddha Jayanti	12 May	
4.	Ganatantra Diwas	29 May	
5.	Gai Jatra	10 Aug	Only for Kathmandu Valley
6.	Teej Festival	26 Aug	Only for Woman
7.	Gaura Parbha	31 Aug	Only for concerned
8.	Jitiya Parbha	15 Sep	Only for concerned
9.	Constitution Day	19 Sep.	
10.	Ghatasthapana	22 Sep.	
11.	Dashain Festival	29 Sep. to 4 Oct.	
12.	Tihar Festival	20 Oct. - 24 Oct.	
13.	Chhat Parba	27 Oct.	
14.	International Day of Persons with Disabilities	3 Dec	Only for concerned
15.	Udhauli Parba	4 Dec.	
16.	Christmas Day	25 Dec	
17.	Tamu Losar	30 Dec	
18.	Prithivi Jayanti	11 Jan 2026	
19.	Maghe Sankranti	15 Jan	
20.	Sonam Loshar	19 Jan	
22.	Sahid Diwas	30 Jan	
23.	Maha Shivaratri	15 Feb	
24.	Galpo Loshar	18 Feb	
25.	Nepal Democracy Day	19 Feb	
26.	Fagu Poornima	2 Mar	Only for Hilly Region
27.	Fagu Poornima	3 Mar	Only for Terai Region
28.	International Woman Day	8 Mar	
29.	Ghode Jatra	18 Mar	Only for Kathmandu Valley
30.	Ram Navami	27 Mar	

Note:-

1. Every Saturday is Holiday.
2. Every year on 31st December is Holiday for CAAN Staffs due to CAAN Day.
3. Holidays on Eid ul Fitar, Eid ul Adha (Bakar Eid), Matsyendra Nath Bhoto Jatra announce by Nepal Government.
4. Days of above listed holidays may vary every year and list of holidays applicable for each calendar year will be published as an AIP Amendment in April every year.